

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("6163621").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 08:47
L2	1	("6558324").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 08:57
L3	1	("5686960").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:48
L4	1	("6163621").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:49
L5	0	("2004011923").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:49
L6	1	("5686960").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:50
L7	0	("2004011923").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:50
L8	0	("2004011923").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:51
L9	1	("20040119233").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:51
L10	1	("6078686").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:52
L11	1	("7023582").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:53
L12	1	("5859710").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:53
L13	1	("6558324").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/21 11:53
S1	18651	moving WITH window	US-PGPUB; USPAT	OR	ON	2007/05/21 08:47
S2	809	moving WITH window AND histogram	US-PGPUB; USPAT	OR	ON	2007/05/16 14:13
S3	65	moving WITH window AND histogram AND equalization	US-PGPUB; USPAT	OR	ON	2007/05/16 14:13
S4	1	moving WITH window AND histogram AND equalization SAME (plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:14
S5	2	( moving WITH window )SAME(plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:19
S6	223	(image WITH processing) SAME (plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:21
S7	3	(image WITH processing) SAME (plurality WITH tile\$) SAME (control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:27

## EAST Search History

S8	1	(plurality WITH tile\$) SAME (control WITH parameter) SAME histogram SAME ratio SAME area SAME (first WITH output) SAME (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:29
S9	9	(plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) SAME (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:44
S10	1	(plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area SAME (first WITH output) SAME (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:45
S11	9	(plurality WITH tile\$) AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:46
S12	536	(382/168).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/16 14:46
S13	1	382/168.ccls. AND (image WITH processing WITH plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:47
S14	1	382/168.ccls. AND (image WITH processing WITH plurality WITH tile)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:47
S15	4	382/168.ccls. AND (image WITH processing AND plurality WITH tile)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:54
S16	292	(382/169).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/16 14:54
S17	473	(382/170).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/16 14:55
S18	262	(382/171).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/16 14:55
S19	226	(382/172).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/16 14:55
S20	0	382/169.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:56
S21	0	382/170.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:56
S22	0	382/171.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:56
S23	1	382/168.ccls. AND (image WITH processing WITH tile\$ WITH histogram WITH ratio WITH area)	US-PGPUB; USPAT	OR	ON	2007/05/16 14:56

## EAST Search History

S24	1	image WITH processing WITH concentration WITH ratio WITH plurality WITH tile\$	US-PGPUB; USPAT	OR	ON	2007/05/16 15:23
S25	1	image WITH processing SAME (concentration WITH ratio) SAME ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:23
S26	2	image WITH processing AND (concentration WITH ratio) AND ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:24
S27	502	image WITH processing AND ratio AND ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:24
S28	502	(image WITH processing) AND ratio AND ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:25
S29	2	(image WITH processing) AND (concentrat\$ WITH ratio) AND ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:25
S30	120	(image WITH processing) AND histogram AND ratio AND ( plurality WITH tile\$ )	US-PGPUB; USPAT	OR	ON	2007/05/16 15:26
S31	909	histogram WITH equalization	US-PGPUB; USPAT	OR	ON	2007/05/16 15:26
S32	5	(histogram WITH equalization) AND (concentration WITH ratio)	US-PGPUB; USPAT	OR	ON	2007/05/16 15:27
S33	1	(histogram WITH equalization) AND (concentration WITH ratio) AND (plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 15:27
S34	2	(histogram WITH equalization) AND (concentration WITH ratio) AND tile\$	US-PGPUB; USPAT	OR	ON	2007/05/16 15:28
S35	4	(histogram WITH equalization) AND (determin\$ WITH ratio ) AND tile	US-PGPUB; USPAT	OR	ON	2007/05/16 15:28
S36	1	(histogram WITH equalization) AND (determin\$ WITH ratio ) AND (plurality WITH tile)	US-PGPUB; USPAT	OR	ON	2007/05/16 15:29
S37	4	(histogram WITH equalization) AND (determin\$ WITH ratio ) AND tile	US-PGPUB; USPAT	OR	ON	2007/05/16 15:31
S38	6	(determin\$ WITH ratio) SAME (plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 16:03
S39	1	(concentration WITH ratio) SAME (plurality WITH tile\$)	US-PGPUB; USPAT	OR	ON	2007/05/16 15:32
S40	1	("20050163371").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/16 16:51
S41	0	prcprocess\$ AND ( first WITH control WITH parameter WITH ratio ) AND ( obtain\$ WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/16 16:54

## EAST Search History

S42	87	( first WITH control WITH parameter WITH ratio ) AND ( obtain\$ WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/16 16:54
S43	17	( process WITH first WITH control WITH parameter WITH ratio ) AND ( obtain\$ WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/16 16:59
S44	9	( processing WITH first WITH control WITH parameter WITH ratio ) AND ( obtain\$ WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/16 17:05
S45	28	(image WITH processing) SAME ( first WITH output WITH first WITH lookup WITH table) SAME ( second WITH output WITH second WITH lookup)	US-PGPUB; USPAT	OR	ON	2007/05/16 17:07
S46	9	(moving WITH window) SAME (histogram WITH equalization)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:06
S47	1	(moving WITH window) SAME (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:08
S48	1	(moving WITH window) AND (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area AND (first WITH output) AND (second WITH output)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:08
S49	1	(moving WITH window) AND (histogram WITH equalization) AND tile AND (control WITH parameter) AND histogram AND ratio AND area	US-PGPUB; USPAT	OR	ON	2007/05/17 09:09
S50	3	(moving WITH window) AND (histogram WITH equalization) AND tile AND histogram AND ratio AND area	US-PGPUB; USPAT	OR	ON	2007/05/17 09:10
S51	3	(moving WITH window) AND (histogram WITH equalization) AND tile AND histogram AND ratio AND area AND control	US-PGPUB; USPAT	OR	ON	2007/05/17 09:16
S52	1	("20030086515").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 09:20
S53	1245	(702/183).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 09:20
S54	1524	(702/182).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 09:20

## EAST Search History

S55	631	(702/186).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/17 09:20
S56	1	702/183.ccls. AND (moving WITH window) AND (histogram WITH equalization)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:26
S57	1	702/182.ccls. AND (moving WITH window) AND (histogram WITH equalization)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:22
S58	1	702/186.ccls. AND (moving WITH window) AND (histogram WITH equalization)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:22
S59	0	702/186.ccls. AND (moving WITH window) AND (histogram WITH equalization) AND (plurality WITH tile)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:22
S60	0	702/183.ccls. AND (moving WITH window) AND (histogram WITH equalization) AND (plurality WITH tile)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:23
S61	1711	processing WITH first WITH control WITH parameter	US-PGPUB; USPAT	OR	ON	2007/05/17 09:28
S62	104	processing WITH first ADJ1 control WITH parameter	US-PGPUB; USPAT	OR	ON	2007/05/17 09:28
S63	31	processing WITH (first ADJ1 control WITH parameter) AND ratio	US-PGPUB; USPAT	OR	ON	2007/05/17 09:29
S64	31	processing WITH (first ADJ1 control WITH parameter) AND ratio AND (obtain\$ second ADJ1 control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:35
S65	1	processing WITH (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ ADJ1 second ADJ1 control ADJ1 parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:36
S66	3	processing SAME (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ SAME second ADJ1 control ADJ1 parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:43
S67	2	(processing WITH image )SAME (first ADJ1 control ADJ1 parameter) AND ratio AND (obtain\$ SAME second ADJ1 control ADJ1 parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 09:44
S68	35	(processing WITH first WITH control WITH parameter) AND ( concentration WITH ratio)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:54
S69	24	(processing WITH first WITH control WITH parameter) AND ( concentration WITH ratio) AND (second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:40

## EAST Search History

S70	911	histogram WITH equalization	US-PGPUB; USPAT	OR	ON	2007/05/17 11:55
S71	1	(histogram WITH equalization) AND (first WITH control WITH parameter WITH ratio) AND (second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:56
S72	644	(first WITH control WITH parameter WITH ratio) AND (second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:56
S73	31	(first WITH control WITH parameter WITH ratio) AND (obtaining WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:57
S74	4	(first WITH control WITH parameter WITH concentration WITH ratio) AND (obtaining WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 11:58
S75	31	(first WITH control WITH parameter WITH ratio) AND (obtaining WITH second WITH control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 13:03
S76	88	control WITH parameter SAME processing WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter	US-PGPUB; USPAT	OR	ON	2007/05/17 13:07
S77	27	control WITH parameter SAME processing WITH image WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter	US-PGPUB; USPAT	OR	ON	2007/05/17 13:54
S78	0	control WITH parameter SAME processing WITH image WITH first WITH control WITH parameter WITH obtain\$ WITH second WITH control WITH parameter WITH ratio	US-PGPUB; USPAT	OR	ON	2007/05/17 13:55
S79	66	first ADJ1 control WITH parameter WITH ratio	US-PGPUB; USPAT	OR	ON	2007/05/17 13:56
S80	1	(first ADJ1 control WITH parameter WITH ratio) SAME (obtain\$ ADJ1 second ADJ1 control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 13:57
S81	45	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 13:58
S82	1	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND (image WITH processing)	US-PGPUB; USPAT	OR	ON	2007/05/17 14:00

## EAST Search History

S83	1	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND image	US-PGPUB; USPAT	OR	ON	2007/05/17 14:01
S84	1	("20050163371").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:02
S85	1	("6163621").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:06
S86	15	"6078686"	US-PGPUB; USPAT	OR	ON	2007/05/17 14:06
S87	1	("6078686").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:11
S88	66	(first ADJ1 control WITH parameter) WITH ratio	US-PGPUB; USPAT	OR	ON	2007/05/17 14:12
S89	45	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 14:13
S90	1	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter) AND (image WITH processing)	US-PGPUB; USPAT	OR	ON	2007/05/17 14:14
S91	45	(first ADJ1 control WITH parameter WITH ratio) SAME (second ADJ1 control WITH parameter)	US-PGPUB; USPAT	OR	ON	2007/05/17 14:16
S92	1	("6163621").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:16
S93	1	("6078686").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 14:59
S94	1	("5107529").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 15:00
S95	1	("5164993").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 15:00
S96	1	("5224176").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 15:01
S97	1	("5390259").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 15:01
S98	1	("5756981").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 15:01
S99	9	control WITH parameter WITH combin\$ WITH concentration WITH ratio	US-PGPUB; USPAT	OR	ON	2007/05/17 15:37
S100	0	(combining ADJ1 control ) ADJ parameter WITH ( concentration ADJ ratio)	US-PGPUB; USPAT	OR	ON	2007/05/17 15:40
S101	0	(combining ADJ1 control ) WITH parameter WITH ( concentration ADJ ratio)	US-PGPUB; USPAT	OR	ON	2007/05/17 15:40

## EAST Search History

S10 2	26	(combining WITH control ) SAME parameter SAME ( concentration WITH ratio)	US-PGPUB; USPAT	OR	ON	2007/05/17 15:41
S10 3	0	(histogram NEAR1 equalization ) SAME (printer WITH coupled WITH processor)	US-PGPUB; USPAT	OR	ON	2007/05/17 16:12
S10 4	2596	printer WITH coupled WITH processor	US-PGPUB; USPAT	OR	ON	2007/05/17 16:13
S10 5	52	printer WITH coupled WITH processor SAME (image WITH processing)	US-PGPUB; USPAT	OR	ON	2007/05/17 16:13
S10 6	1	("6163621").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 17:21
S10 7	1	("20050163371").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 17:21